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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: PROCESS FOR PRODUCING CAROTENOIDS

(57) Abstract: The present invention relates to a biological process for producing carotenoids utilizing a microorganism which is capable of producing carotenoids and belonging to the genus *Xanthophyllomyces* (Phaffia) in the presence of an inhibitor for biosynthesis of sterols from farnesyl pyrophosphate.

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## INTERNATIONAL SEARCH REPORT

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PCT/EP 03/03742

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C12P23/00 C12N9/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 09393 A (REYNOLDS TECHNOLOGIES INC ; BIOSOURCE TECH INC (US); HANLEY KATHLEE) 28 March 1996 (1996-03-28) page 1, line 16 - line 21 page 2, line 20 - line 25 page 7, line 3 - line 31	1-12
X	DATABASE WPI Section Ch, Week 200346 Derwent Publications Ltd., London, GB; Class D16, AN 2003-485780 XP002250540 & JP 2002 300896 A (TOYOTA JIDOSHA KK), 15 October 2002 (2002-10-15) the whole document	1-12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BROWN G R ET AL: "Phenoxypropylamines: a new series of squalene synthase inhibitors." JOURNAL OF MEDICINAL CHEMISTRY. UNITED STATES 13 OCT 1995, vol. 38, no. 21, 13 October 1995 (1995-10-13), pages 4157-4160, XP002250539 ISSN: 0022-2623 cited in the application the whole document</p> <p>---</p>	
A	<p>WO 00 01650 A (DCV INC) 13 January 2000 (2000-01-13) page 11, line 20 - line 24 page 12, line 18 - line 21 page 22, line 2 - line 10 page 25, line 24 - line 27 page 33, line 9 - line 11</p> <p>---</p>	
A	<p>ROBINSON G W ET AL: "CONSERVATION BETWEEN HUMAN AND FUNGAL SQUALENE SYNTHETASES: SIMILATITIES IN STRUCTURE, FUNCTION, AND REGULATION" MOLECULAR AND CELLULAR BIOLOGY, WASHINGTON, DC, US, vol. 13, no. 5, 1 May 1993 (1993-05-01), pages 2706-2717, XP000604626 ISSN: 0270-7306 abstract page 2706, right-hand column, paragraph 2</p> <p>---</p>	
A	<p>US 5 182 208 A (JOHNSON ERIC A ET AL) 26 January 1993 (1993-01-26) cited in the application column 7, line 5 - line 8</p> <p>-----</p>	

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Information on patent family members

International Application No

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